SWP Water Quality Summary

December 16, 2004

Total Dissolved Solids: TDS at all locations except Barker Slough remained above the Article 19 Ten Year Average Objective of 220 mg/l. The highest concentration of 314 mg/l occurred at Check 29 on December 13, while the lowest concentration of 212 mg/l was at Barker Slough.

Bromide concentrations: Bromide slightly increased at Banks Pumping Plant, Check 29, Devil Canyon Barker Slough and Vallecitos. The highest concentration of 0.27 mg/l occurred at Check 29 while Barker Slough had the lowest concentration of 0.05 mg/l, both on December 13, 2004.

Turbidity: Turbidity decreased from 14 to 6 NTU at Banks Pumping Plant and 8 to 5 NTU at Vallecitos. Turbidity at Checks 29, 41 and Barker Slough increased slightly while no change occurred at Devil Canyon. The highest increase of 44 NTU occurred at Barker Slough while the lowest of 2.0 NTU was at Devil Canyon, both on December 13, 2004.

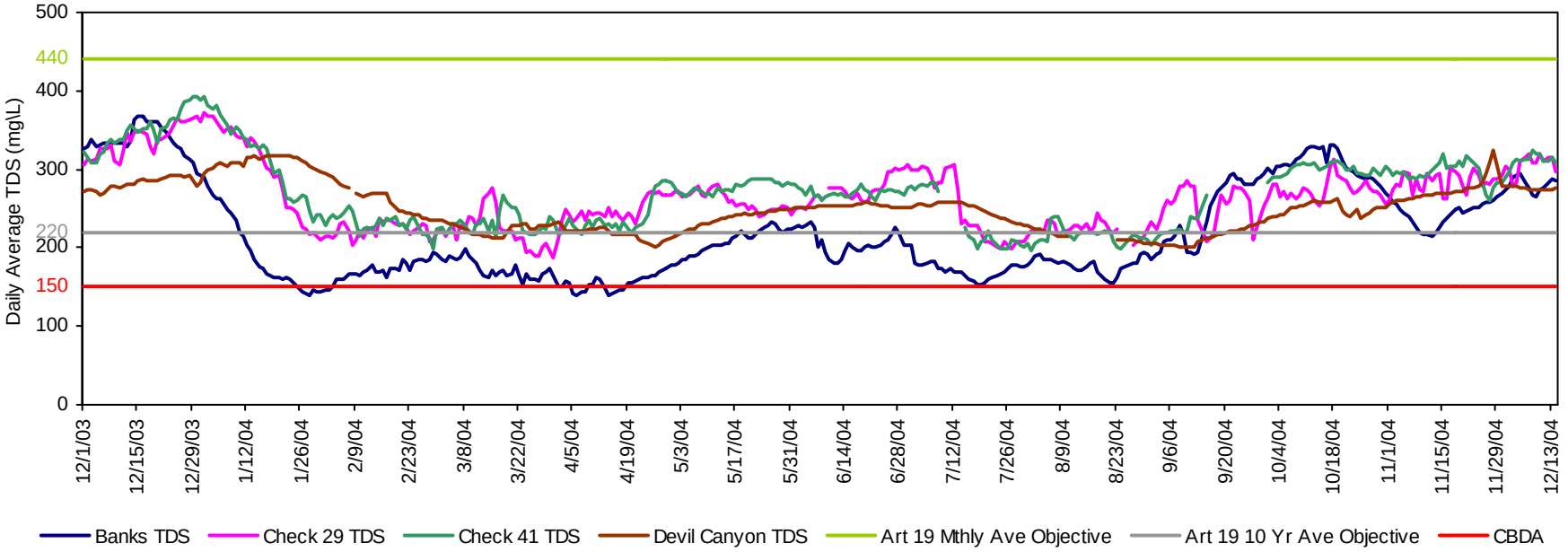
Dissolved Organic Carbon: DOC at Banks Pumping Plant and Check 13 were unchanged from last week, however, Check 41 increased from 3.5 to 4 mg/l.

Taste and Odor Compounds: MIB was < 1 ng/l at SBA, San Luis and Pacheco Pumping Plant while geosmin ranged from 2 to 6 ng/l at SBA. MIB was below 3 ng/l at Lake Perris and SWP.

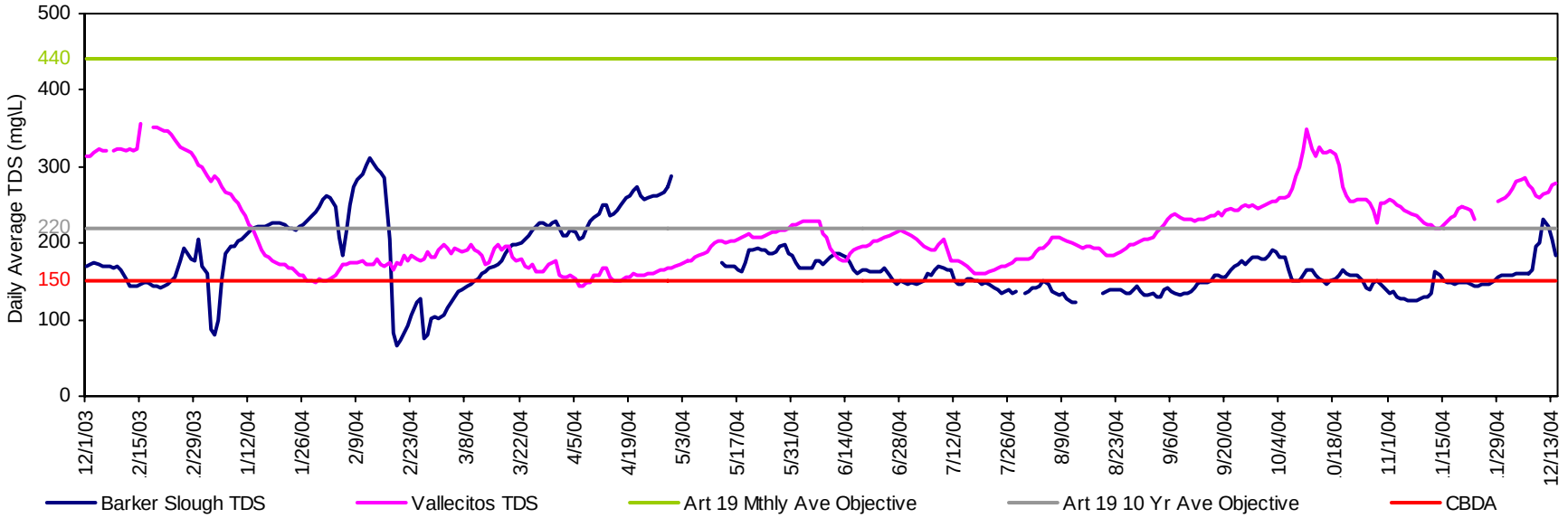
Ground Water Pump-in: Ground water pump-in from AEWSD continues at a rate of about 95 cfs per day.

For more information refer to: http://wwwomwq.water.ca.gov and
http://wwwdpla.ca.gov/supply/sampling/mwq/main.htm

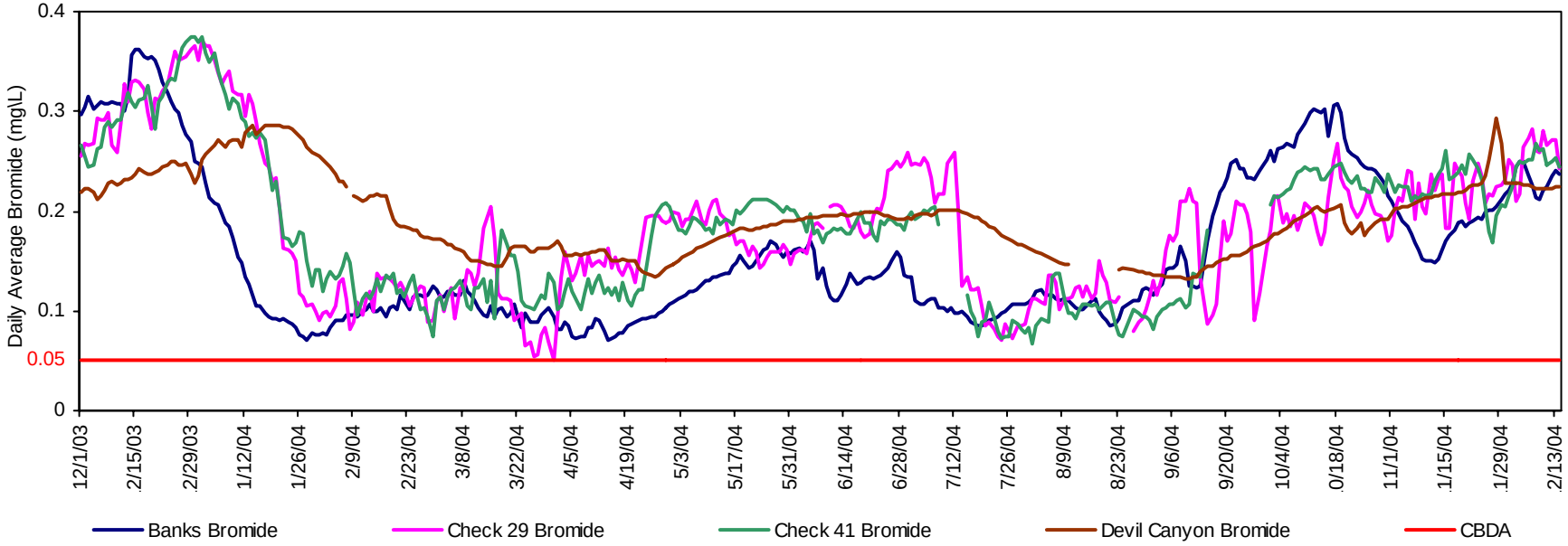
California Aqueduct - Calculated Total Dissolved Solids



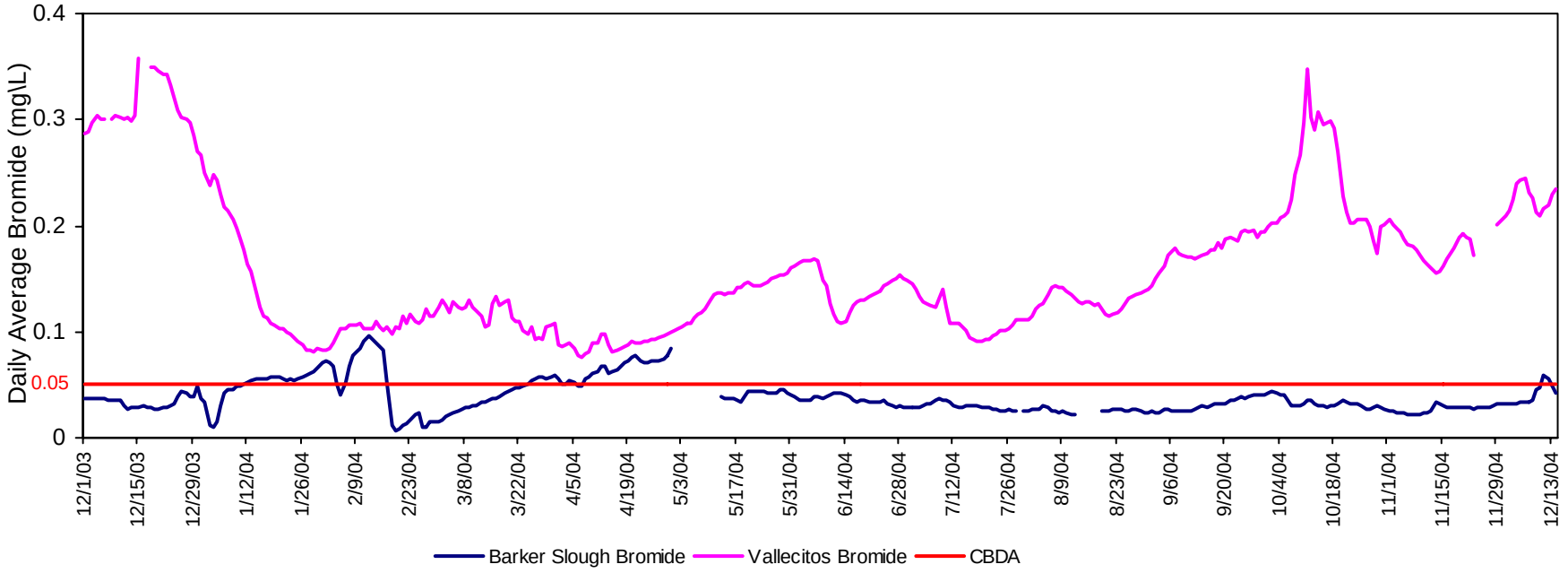
North and South Bay Aqueduct - Calculated Total Dissolved Solids



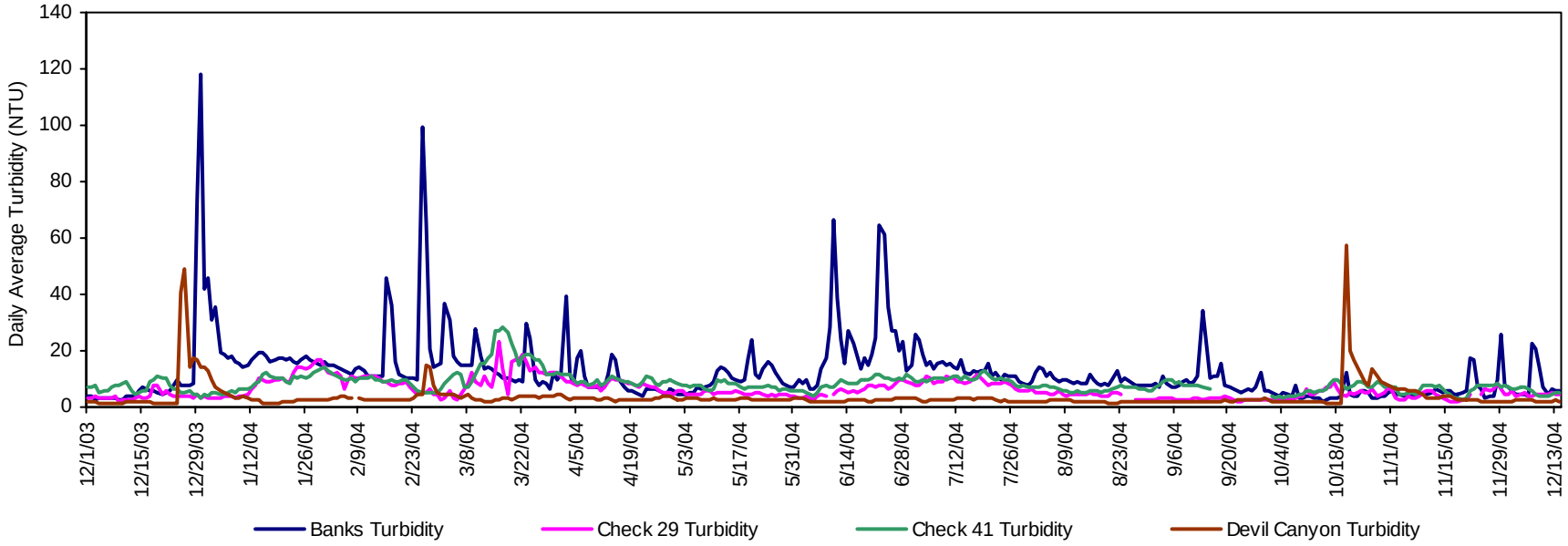
California Aqueduct - Calculated Bromide



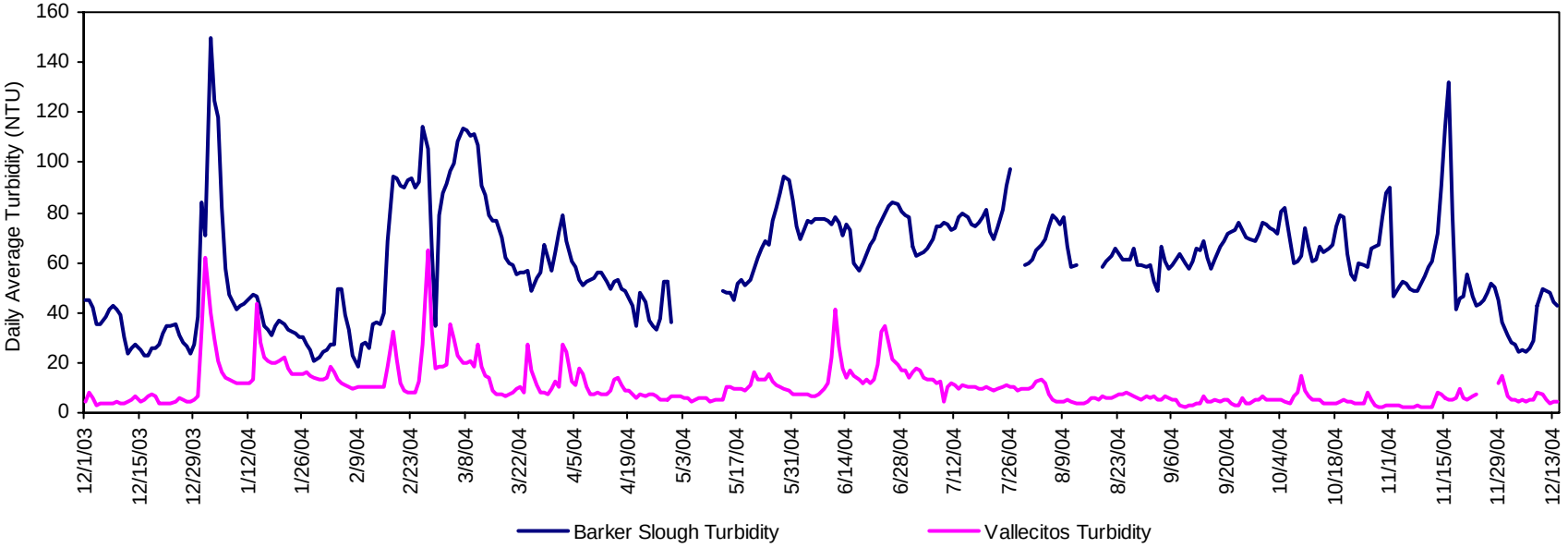
North and South Bay Aqueduct - Calculated Bromide

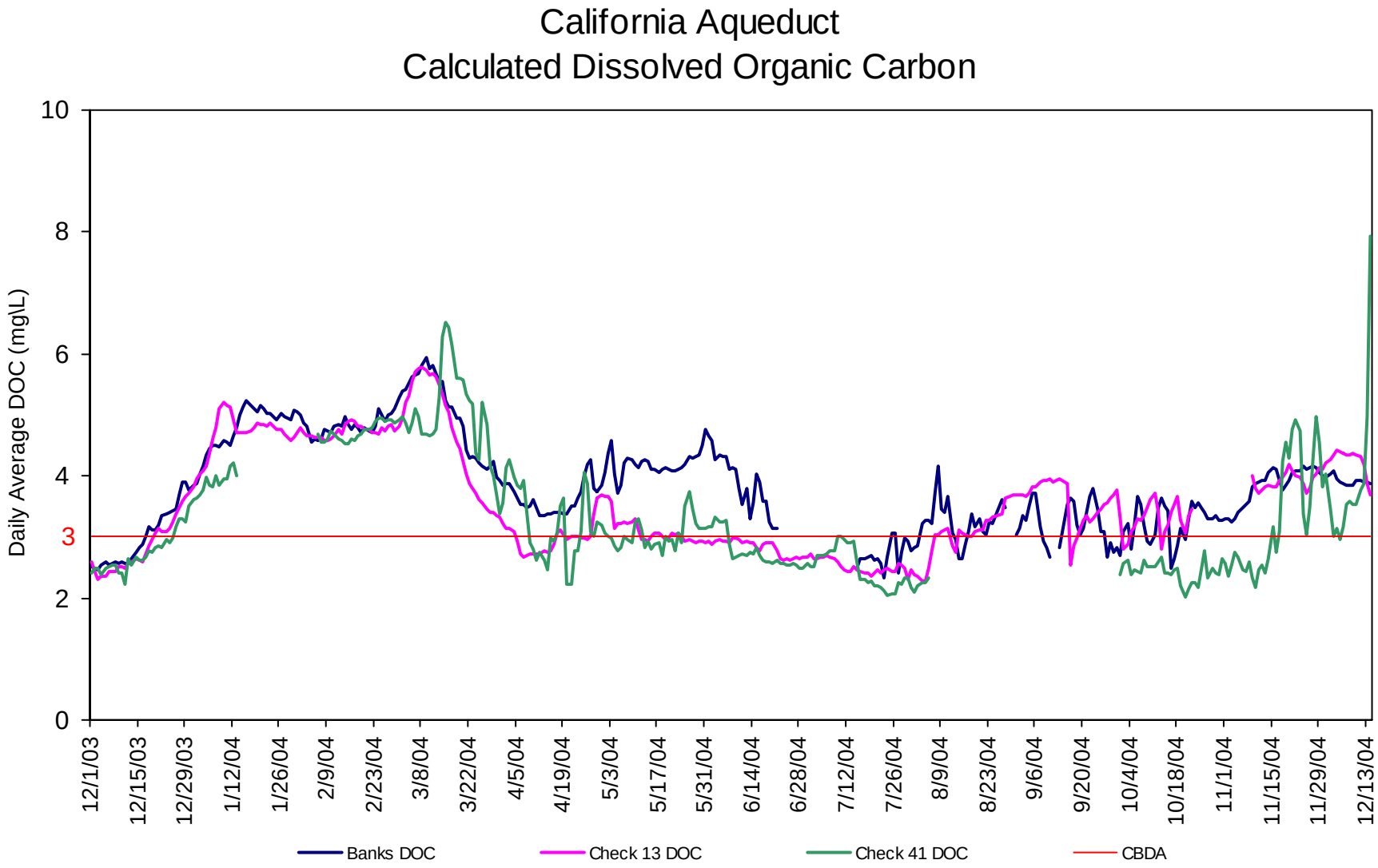


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
10
8
6
4
3
2
0
12/1/03
12/15/03
12/29/03
1/12/04
1/26/04
2/9/04
2/23/04
3/8/04
3/22/04
4/5/04
4/19/04
5/3/04
5/17/04
5/31/04
6/14/04
6/28/04
7/12/04
7/26/04
8/9/04
8/23/04
9/6/04
9/20/04
10/4/04
10/18/04
11/1/04
11/15/04
11/29/04
12/13/04
Banks DOC
Check 13 DOC
Check 41 DOC
CBDA